



PATENT
Docket No.: 201448/443

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	:	Dennis Michael Connolly)	Examiner:
)	Stephanie K.
Serial No.	:	10/737,013)	Mummert
)	
Cnfrm. No.	:	5578)	Art Unit:
)	1637
Filed	:	December 16, 2003)	
)	
For	:	CHEMICALLY ASSEMBLED NANO- SCALE CIRCUIT ELEMENTS)	
)	

AMENDMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the October 11, 2006 office action, please amend the above-identified patent application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 1 of this paper.

Remarks begin on page 4 of this paper.

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

72. (original) A circuit comprising:
at least one circuit element, the circuit element comprising at least one of a resistor, a diode, a capacitor, a transistor, and an inductor;
wherein the at least one circuit element comprises a nucleic acid template with two or more sequential regions which are coated with different materials that are at least partially conductive.